



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Thursday, July 28



Day 1 (Thursday): Very hot temperatures will be noted across inland portions of northern California, including the northern Sacramento Valley with high to locally very high heat risk impacts. Fire weather conditions remain elevated across many mountain and foothill locations once again due to breezy winds and ongoing dry conditions, while scattered showers and thunderstorms are also expected across the southern deserts and far southern Sierra, with a few capable of producing locally heavy rainfall.



Weather Risk Outlook

Regional Operations Center
Western Region
Thursday, July 28

| | Thu, Jul 28 | Fri, Jul 29 | Sat, Jul 30 | Sun, Jul 31 | Mon, Aug 1 | Tue, Aug 2 | Wed, Aug 3 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Fire Weather Low RH / Wind / Dry T-Storms | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Thunderstorms Wind / Hail / Tornadoes | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Heat | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Cold | | | | | | | |
| River Flooding | | | | | | | |
| Wind | | | | | | | |
| Heavy Rain Flash Flooding / Debris Flow | | | | | | | |
| Snow | | | | | | | |
| Coastal Flooding | | | | | | | |
| Risk Levels | Little to None | Minor | | Moderate | | Major | Extreme |



Weather Key Points

Regional Operations Center

Western Region

Thursday, July 28

- Very hot temperatures with high to locally very high heat risk impacts will persist across inland areas of northern California, including the northern Sacramento Valley, through the weekend
 - Readings of 100 to 113°F will be common in these areas (please see temperature maps below), with near record high temperatures expected
 - Moderate heat risk impacts are also expected for the remainder of the Central Valley and inland southern California
 - Temperatures will see a cooling trend for most areas into early next week
- Scattered showers and thunderstorms remain possible across the southern deserts, southern mountains, and central and southern Sierra each afternoon through Saturday
 - Widespread rain is not expected, but a few storms will remain capable of producing locally heavy rainfall rates, which could lead to highly localized flash flooding
 - Showers and thunderstorms may become more widespread across southern and eastern California Sunday and into early next week
- Locally breezy winds will maintain elevated fire weather conditions for many inland areas through at least early next week due to mainly dry conditions and hot temperatures
 - Lightning could also result in a few new fire starts across the inland mountains

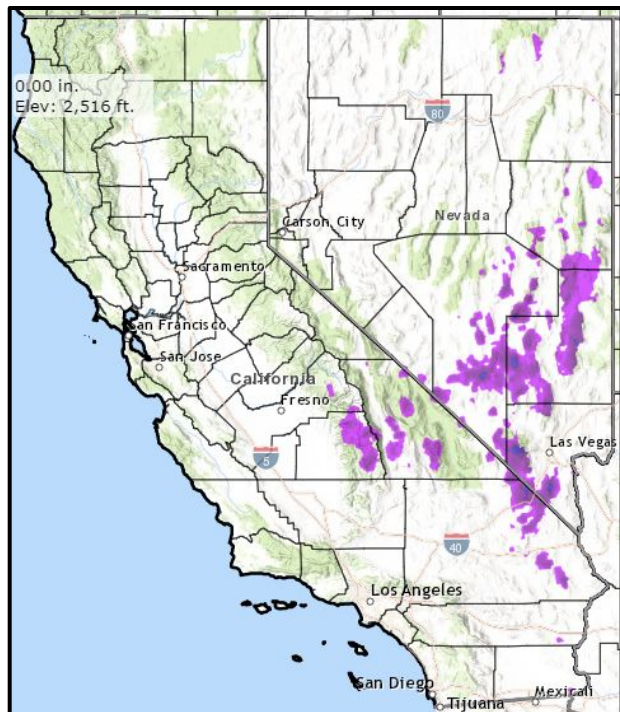


Precipitation Forecast

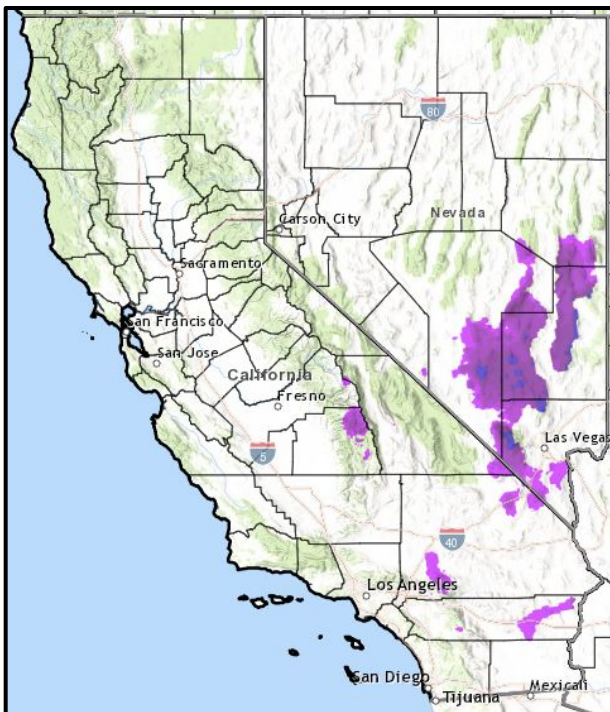
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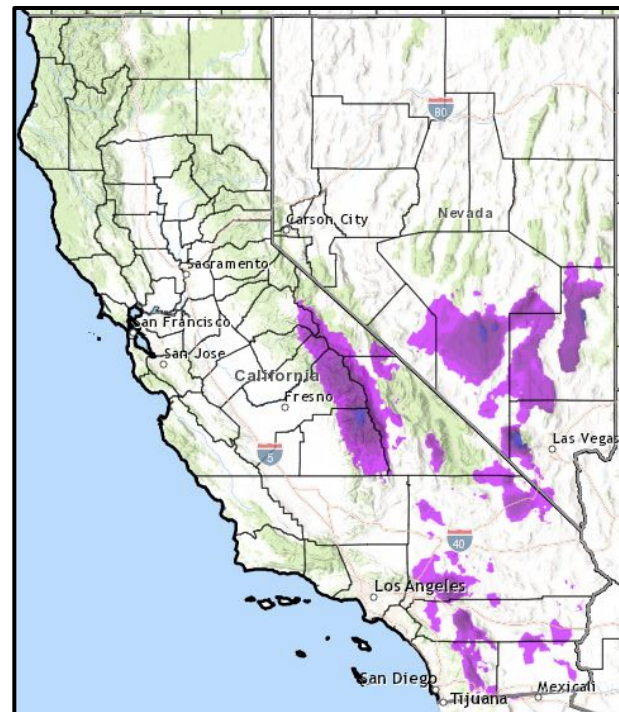
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Thursday



Friday



Saturday

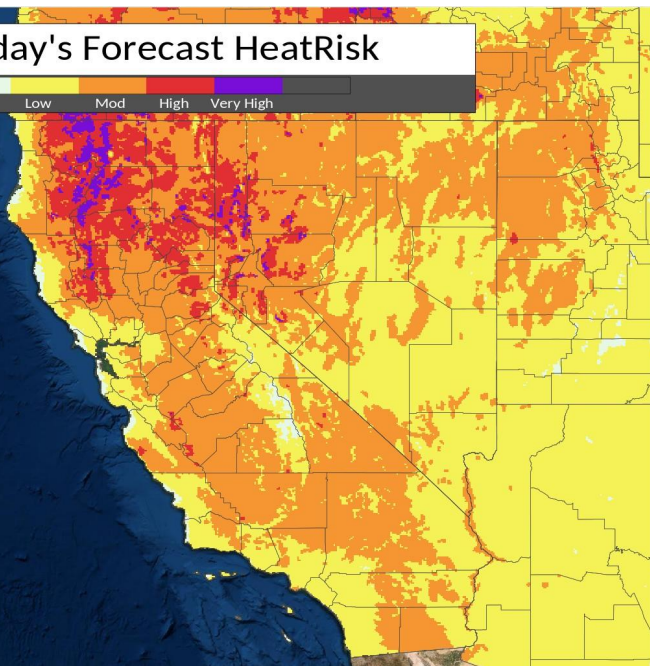
Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



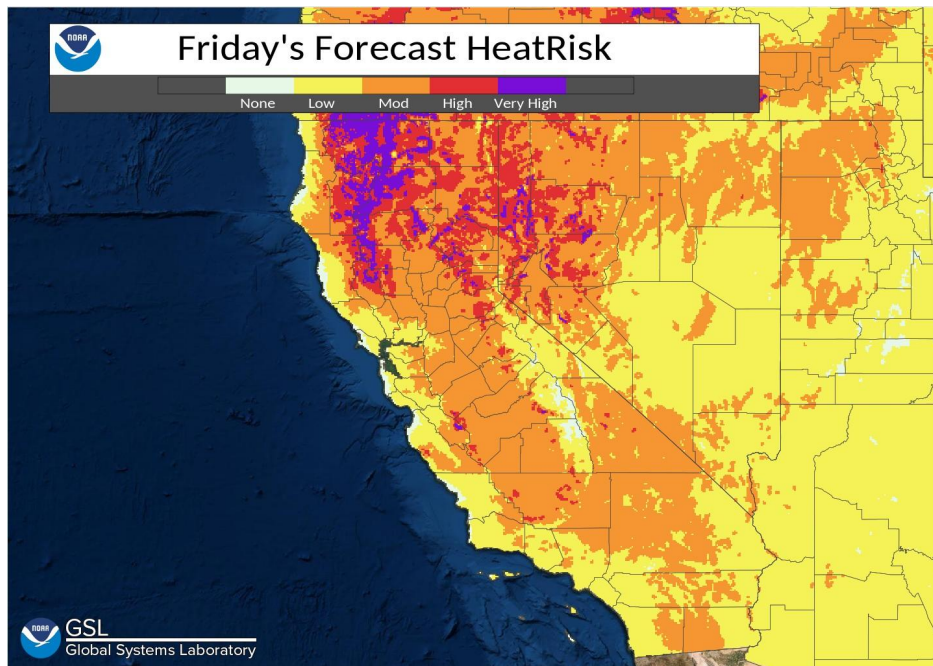
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

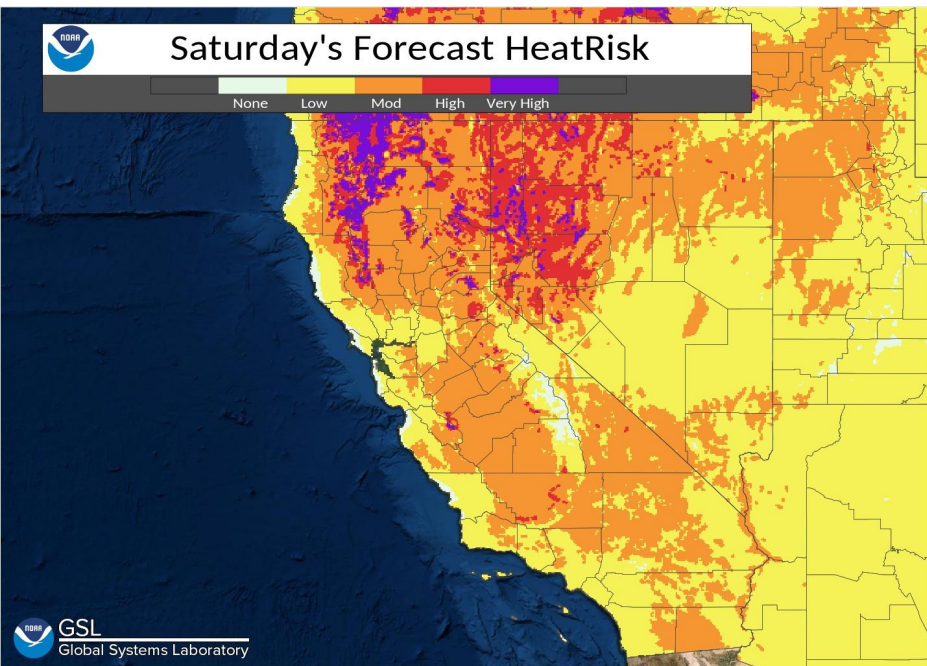
None Low Mod High Very High



| | | |
|---------|---------|---|
| Green | Level 0 | No Elevated Risk |
| Yellow | Level 1 | Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Orange | Level 2 | Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Red | Level 3 | High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration |
| Magenta | Level 4 | Very High Risk for the entire population due to long duration heat, with little to no relief overnight |

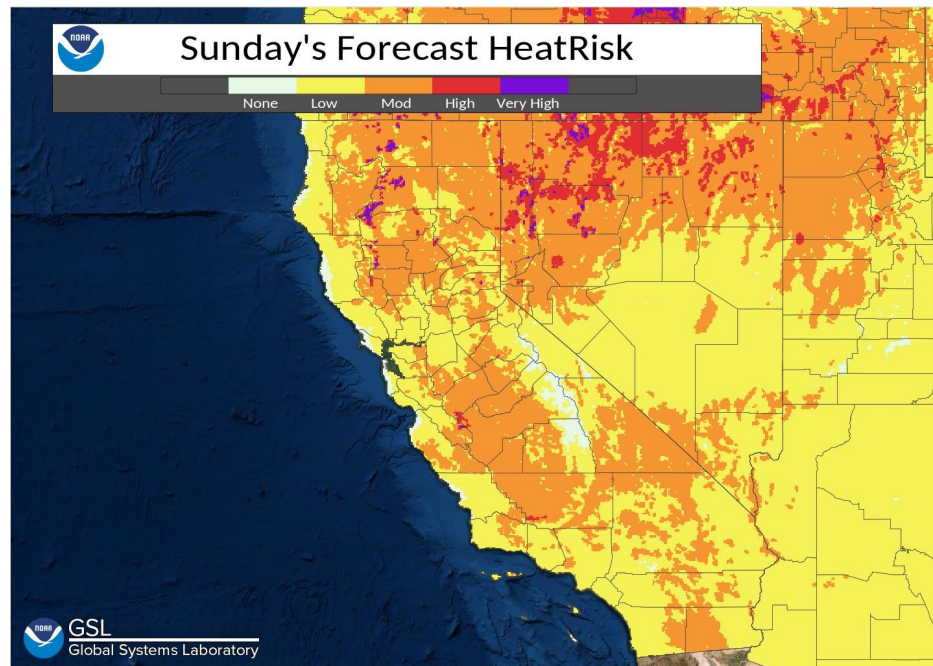
Saturday's Forecast HeatRisk

None Low Mod High Very High



Sunday's Forecast HeatRisk

None Low Mod High Very High



| | | |
|---------|---------|---|
| Green | Level 0 | No Elevated Risk |
| Yellow | Level 1 | Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Orange | Level 2 | Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Red | Level 3 | High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration |
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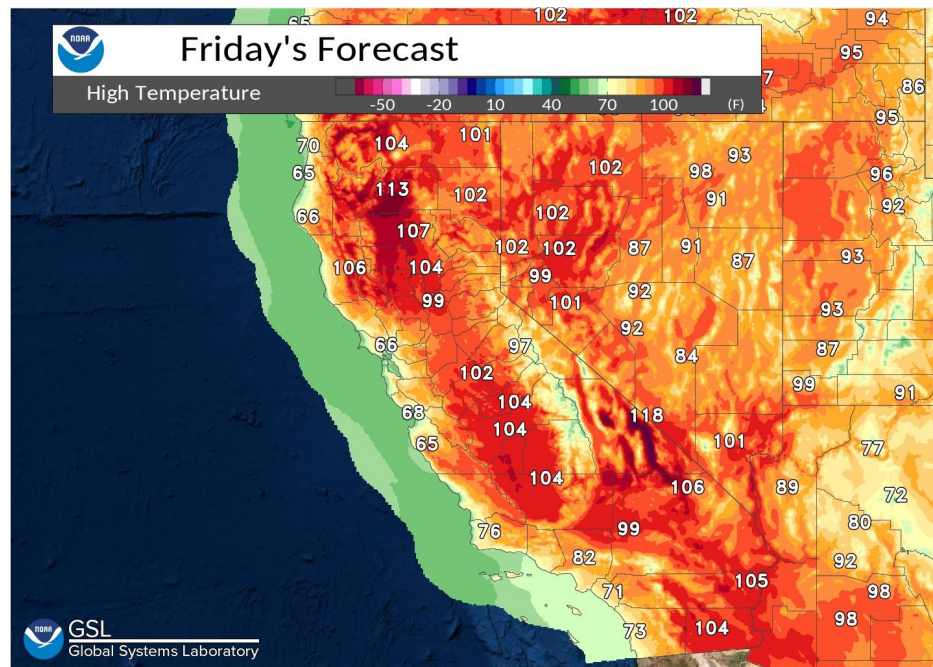
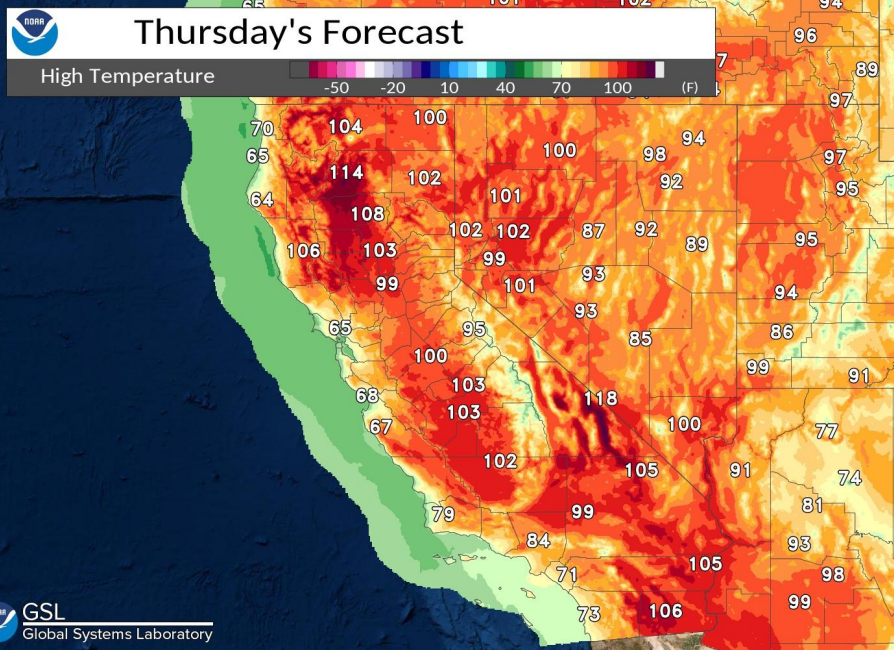


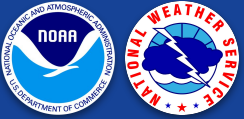
High Temperature Forecast

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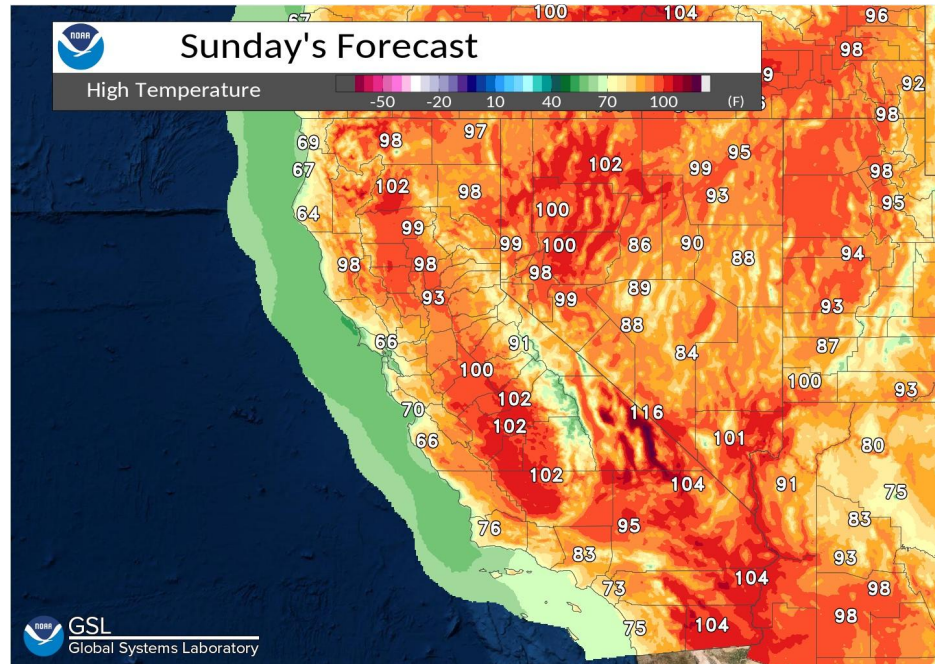
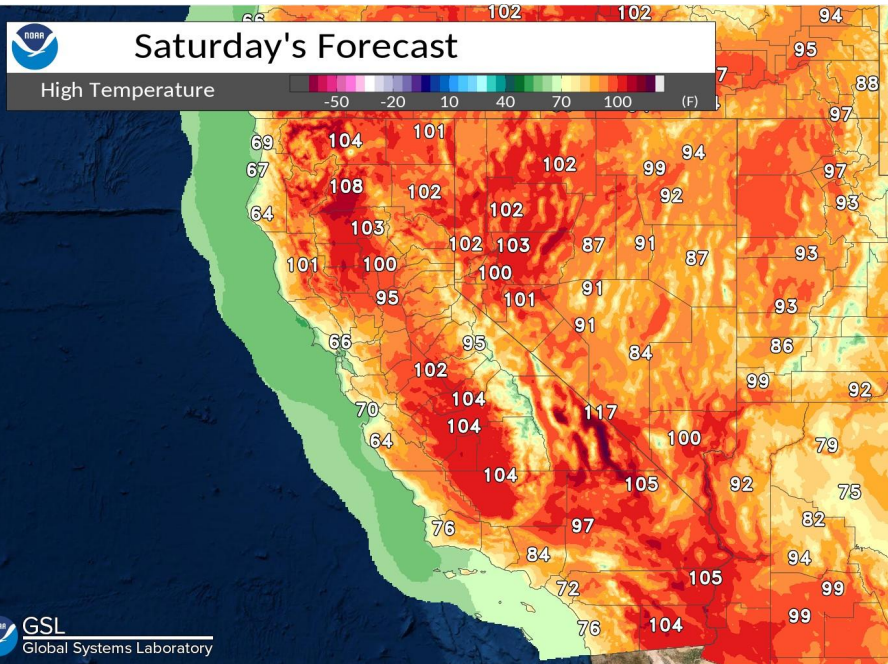
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High Temperature Forecast

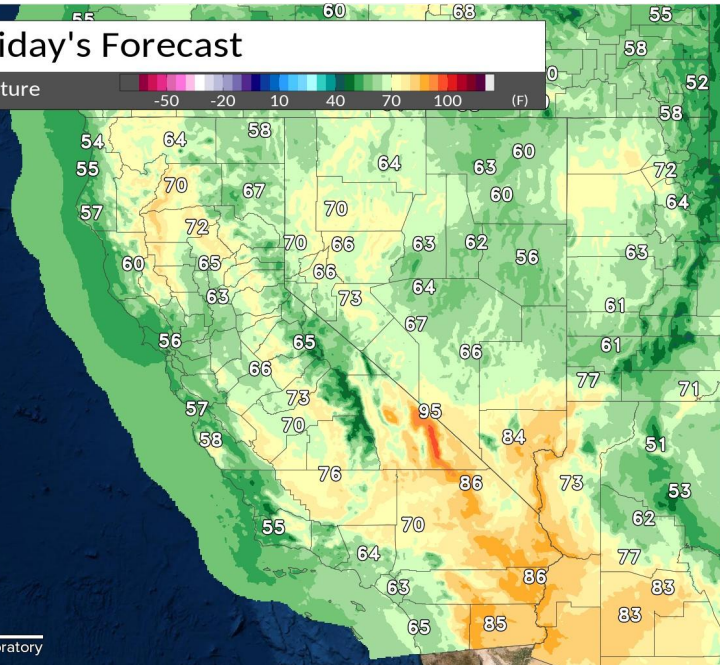
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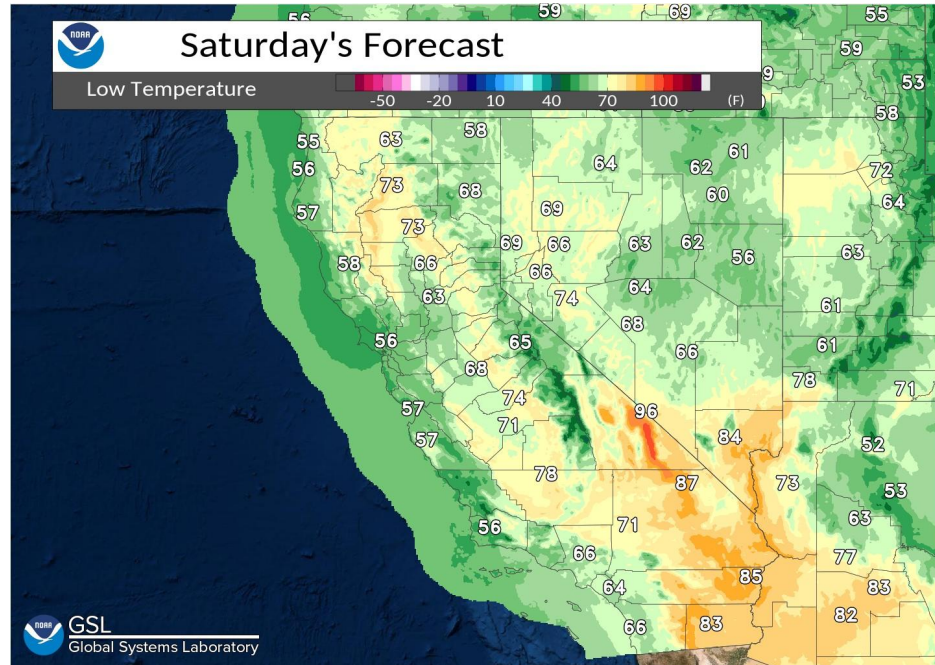
Low Temperature Forecast

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 **Friday's Forecast**
Low Temperature

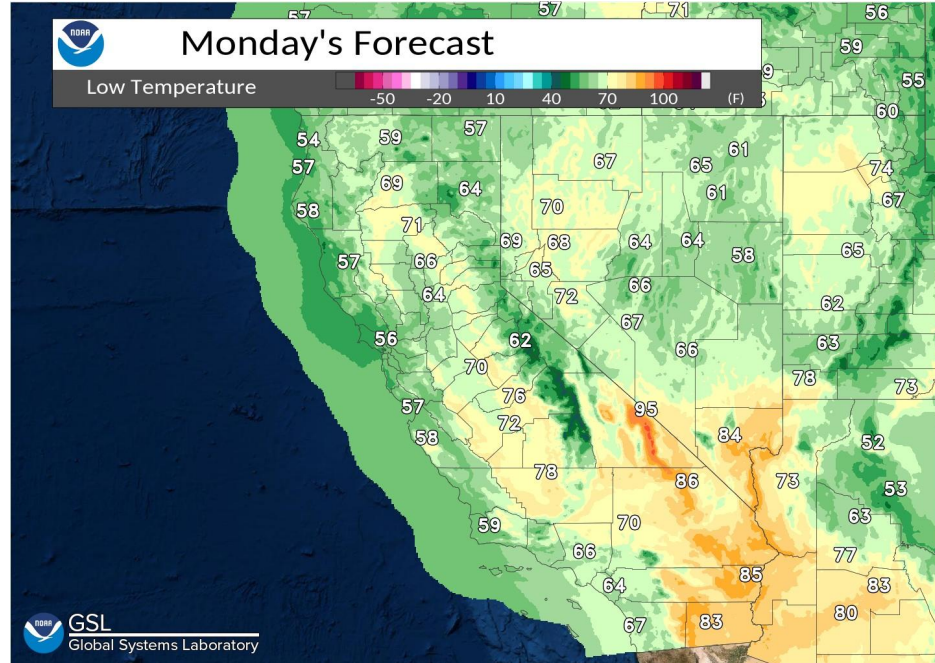
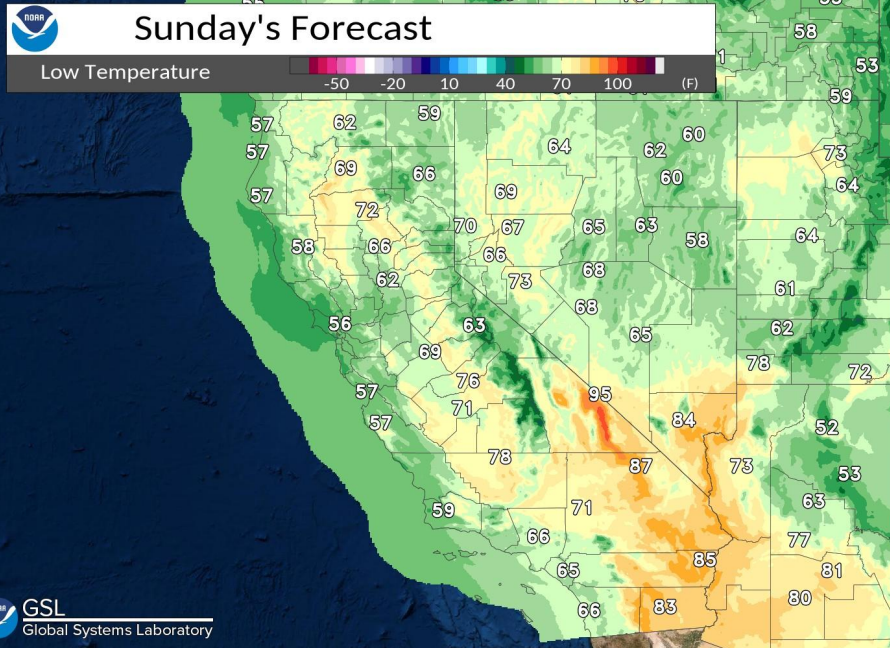


 **Saturday's Forecast**
Low Temperature



Low Temperature Forecast

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Weather Outlook (6-14 Days)

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6-10 Day Outlook (August 2 – August 6)

Temperatures

- Below normal temperatures are slightly favored across the entire state

Precipitation

- Above normal precipitation is favored across southeastern California, with near normal precipitation favored for the rest of the state

8-14 Day Outlook (August 4 – August 10)

Temperatures

- Above normal temperatures are favored across the northern two-thirds of the state, with below normal temperatures favored across southern California.

Precipitation

- Above normal precipitation is favored for the southern half of the state, with near normal precipitation favored for the northern half of California



Risk Assessment Matrix

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Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

